

Recombinant Full Length Human CLUH Protein, C-Flag-tagged

Cat. No. CLUH-1910HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CLUH Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables mRNA binding activity. Involved in intracellular distribution of mitochondria. Located in cytoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	146.5 kDa
AA Sequence	MLLNGDCPESLKKEAAAAEPPRENLDEAGPGDETTGQEVIVIQDTGFSVKILAPGIE PFSLQVSPQEMV QEIHQVLMREDTCHRTCFSLHLDGNVLDHFSSELRSVEGLQEG SVLRVVEEPTVREARIHVRHVRDLLK SLDPSDAFNGVDCNSLSFSLSVFTDGDLDG SGKRKKGLEMDPIDCTPPEYILPGSRERPLCPLQPQNRDWK PLQCLKVLTMSGWN PPPGNRKMHGDLMYLFVITAEDRQVSITASTRGFYLNQSTAYHFNPKPASPRFLSH SLVELLNQISPTFKKNFAVLQKKRVQRHPFERIATPFQVYSWTAPQAEHAMDCVRAE DAYTSRLGYEEHI PGQTRDWNEELQTTRELPRKNLPERLLRERAIFKVHSDFTAAT RGAMAVIDGNVMAINPSEETKMQMFI WNNIFFSLGFDVRDHYKDFGGDVAAYVAPT NDLNGVRTYNAVDVEGLYTLGTVVVDYRGYRVTAQSIIPG ILERDQEQSVIYGSIDF GKTVVSHPRYLELLERTSRPLKILRHQVLNDRDEEVELCSSVECKGIIGNDGR HYILD LLRTFPPDLNFLPVPGEELPEECARAGFPRAHRHKLCLRQELVDAFVEHRYLLFMK

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LAALQLMQ QNASQLETPSSLENGGPSSLESKSEDPPGQEAGSEEEGSSASGLAKV
 KELAETIAADDGTDPRSREVIRN ACKAVGSISSTAFDIRFNPDI FSPGVRFPESCQDE
 VRDQKQLLKDAAAFLLSCQIPGLVKDCMEHAVLPV DGATLAEVMRQRGINMRYLGK
 VLELVLRSPARHQLDHVFKIGIGELITRS AKHIFKTYLQGVELSGLSAA ISHFLNCFLS
 SYPNPVAHLPADELVSKKRNKRRKNRPPGAADNTAWAVMTPQELWKNICQEAKNY
 FDFDL ECETVDQAVETYGLQKITLLREISLKTGIQVLLKEYSFDSRHKPAFTEEDVLNI
 FPVVKHVNPKASDAFH FFQSGQAKVQQGFLKEGCELINEALNLFNNVYGAMHVET
 CACLRLLARLHYIMGDYAEALSNQQKAVLMS ERVMGTEHPNTIQEYMHLLALYCFAS
 SQLSTALSLLYRARYLMLLVFGEDHPEMALLDNNIGLVLHGVM EY DLSLRFLENALA
 VSTKYHGPKALKVALSHHLVARVYESKAEFRSALQHEKEGYTIYKTQLGEDHEKTKE
 S SEYLKCLTQQAVALQRTMNEIYRNGSSANIPPLKFTAPSMASVLEQLNVINGILFIPL
 SQKDLENLKA EV ARRHLQEASRNRDRAEPMATEPAPAGAPGDLGSQPPAAKD
 PPSVQGG SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name CLUH clustered mitochondria homolog [Homo sapiens (human)]

Official Symbol CLUH

Synonyms CLU1

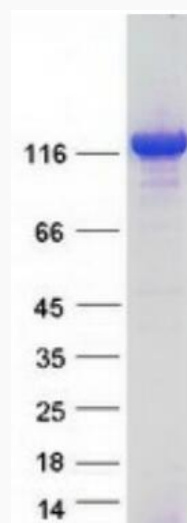
Gene ID 23277

mRNA Refseq NM_015229.4

Protein Refseq NP_056044.4

MIM 616184

UniProt ID O75153



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Coomassie blue staining of purified CLUH protein.

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